GFS CHEMICALS, INC.
P.O. Box 245 Powell, OH 43065
740-881-5501(Tel.) 740-881-5989(Fax)
1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

5307

ACETYL CHLORIDE

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Acetyl Chloride; Acetic Acid Chloride; Ethanoyl Chloride	3/8/II	No
	TSCA listed - Yes	

FORMULA	REPORTABLE QUANTITY	F.W.	CAS#
CH_3COCl	2270 Kg	78.50	75-36-5

PHYSICAL DATA
Density 1.104; Melting point -112°C; Boiling point 51°C; Vapor pressure 604 mm Hg @ 20°C; Vapor density 2.7; Decomposes in water and alcohol; Miscible in benzene, ether and chloroform.

APPEARANCE & ODOR
Clear, colorless liquid. Pungent odor.

REACTIVITY & CONDITIONS TO AVOID
Stable. Avoid ignition sources, water and excess heat. Incompatible with dimethyl sulfoxide, alcohols, amines, ethanol, alkalies and strong oxidizers.

FIRE HAZARDS
Thermal decomposition generates irritating toxic gases. Violent reaction with water. Firefighters wear SCBA. NFPA # 3-3-2.

EXTINGUISHER	FLASHPOINT	LEL	UEL
Carbon dioxide or dry chemical only. Avoid use of water.	4°C	7.3%	19%

HEALTH HAZARDS
Corrosive to skin, eyes and mucous membranes causing chemical burns. Lachrymator. Vapors may cause irritation to mucous membranes, eyes and skin. Harmful if swallowed, inhaled or absorbed through the skin. LD_{50} (oral-rat) 910 mg/kg. May cause CNS depression. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS
Use only with good ventilation or suitable respirator or ventilation. Wear protective eyeglasses, gloves and clothing while handling.

FIRST AID
Flush eyes with plenty of water. Wash skin with soap and water thoroughly for at least 15 minutes. If ingested, DO NOT induce vomiting. Give 2-4 cups of milk or water to drink and get immediate medical attention. If inhaled, remove to fresh air. Give oxygen if breathing is difficult. If not breathing, give artificial respiration. Get medical attention.

SPILLS & LEAKS
Contain spill. Remove sources of ignition. Ventilate area. Absorb spill with dry sand or other inert material. Avoid runoff into storm sewers and ditches leading to waterways. Place in suitable container for incineration or other suitable chemical waste disposal.

CATALOG #	PREPARED BY	DATE
5307	MDM	December 19, 2006

Full Warranty and Limitations Statement should be reviewed at www.gfschemicals.com/terms.asp.